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RAW SEQUENCE LISTING DATE: 01/22/2003
PATENT APPLICATION: **US/10/074,978A** TIME: 13:55:04

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3 <110> APPLICANT: Leite, Mario
4 Spytek, Kimberly A
5 Guo, Xiaojia (Sasha)
6 Fernandes, Elma
7 Li, Li
8 Kekuda, Ramesh
9 Liu, Xiahong
10 Casman, Stacie
11 Boldog, Ferenc
12 Patturajan, Meera
13 Blalock, Angela
14 Ballinger, Robert
15 Vernet, Corine
16 Tchernev, Velizar T
17 Malyankar, Uriel M
18 Gusev, Vladimir
19 Rastelli, Luca
20 Mezes, Peter S
21 Ellerman, Karen
22 Heyes, Melvin P
23 Herrman, John
24 Pena, Carol E A
25 Shimkets, Richard A
26 Taupier Jr, Raymond J
27 Moore, Noelle
28 Shenoy, Suresh
29 Edinger, Shlomit
30 Gunther, Erik
31 Stone, Dave
32 Millet, Isabelle
W--> 33 **Peyman, John**
W--> 34 **Smithson, Glennda**
36 <120> TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
38 <130> FILE REFERENCE: 21402-269
40 <140> CURRENT APPLICATION NUMBER: 10/074,978A
C--> 41 **<141> CURRENT FILING DATE: 2003-01-07**
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46 <150> PRIOR APPLICATION NUMBER: 60/335,109
47 <151> PRIOR FILING DATE: 2001-10-31
49 <150> PRIOR APPLICATION NUMBER: 60/312,284
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PATENT APPLICATION: **US/10/074,978A** TIME: 13:55:04

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Output Set: **N:\CRF4\01222003\J074978A.raw**

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127 gctgacctta aacttaccta atagagcaag cctgagatag actgccaaaa tggccaaata 360
128 agagactcta tgaaataaca gtcttgtaac tgtagtaatc ataaggaaat tttctccttg 420
129 aaatcacgat accaaatagg aaaaatgatc tacaagtgcc ccatgtgtag ggaatttttc 480
130 tctgagagag cagatctttt tatgcatcag aaaattcaca cagctgagaa gccccataaa 540
131 tgtgacaagt gtgataaggg tttctttcat atatcagaac ttcatattca ttggagagac 600
132 catacaggag agaaggtcta taaatgtgat gattgtggta aggattttag cactacaaca 660
133 aaacttaata gacataagaa aatccacaca gtggagaagc cctataaatg ttacgagtgt 720
134 ggcaaagcct tcaattggag ctcccatctt caaattcata tgagagttca tacaggtgag 780
135 aaaccgtatg tctgtagtga gtgtggaagg ggctttagta atagttcaaa cctttgcatg 840
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137 aggcacacct ccagcctctg catgcatcaa agagtccaca caggagagaa accctataaa 960
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158 Cys Asp Lys Cys Asp Lys Gly Phe Phe His Ile Ser Glu Leu His Ile
159          35                  40                  45
161 His Trp Arg Asp His Thr Gly Glu Lys Val Tyr Lys Cys Asp Asp Cys
162      50                  55                  60
164 Gly Lys Asp Phe Ser Thr Thr Thr Lys Leu Asn Arg His Lys Lys Ile
165  65                  70                  75                  80
167 His Thr Val Glu Lys Pro Tyr Lys Cys Tyr Glu Cys Gly Lys Ala Phe
168                  85                  90                  95
170 Asn Trp Ser Ser His Leu Gln Ile His Met Arg Val His Thr Gly Glu
171             100                 105                 110
173 Lys Pro Tyr Val Cys Ser Glu Cys Gly Arg Gly Phe Ser Asn Ser Ser
174         115                 120                 125
176 Asn Leu Cys Met His Gln Arg Val His Thr Gly Glu Lys Pro Phe Lys
177     130                 135                 140
179 Cys Glu Glu Cys Gly Lys Ala Phe Arg His Thr Ser Ser Leu Cys Met
180 145                 150                 155                 160
182 His Gln Arg Val His Thr Gly Glu Lys Pro Tyr Lys Cys Tyr Glu Cys
183                 165                 170                 175
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186             180                 185                 190
188 His Thr Gly Glu Lys Pro Tyr Arg Cys Cys Gly Cys Gly Lys Ala Phe
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PATENT APPLICATION: **US/10/074,978A** TIME: 13:55:04

Input Set : **A:\Cura5691.app**
Output Set: **N:\CRF4\01222003\J074978A.raw**

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191 Ser Gln Ser Ser Gly Leu Cys Ile His Gln Arg Val His Thr Gly Glu
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194 Lys Pro Phe Lys Cys Asp Glu Cys Gly Lys Ala Phe Ser Gln Ser Thr
195 225                 230                 235                 240
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212 gatctgcagc cagccagtca cctcaaacct ctggggtcca cccctaaact gcacagagat 180
213 gtgggggtca tcccctggca gctggatgtc caagccatcc ttcctccact cgatggaggc 240
214 catggggtag gcaaacactt cacagccaaa gatcacatcc tgccctgtca cattccaagt 300
215 gtcatatgga tgtgacacga tcttctccct cgagttggga cccgggaaga agcatgaagt 360
216 ggctgctgct gctgggtctg gtggcgctct ctgagtgcat catgtacaag gtccccctca 420
217 tcagaaagaa gtccttgagg cgcaccctgt ccgagcgtgg cctgctgaag gacttcctga 480
218 agaagcacaa cctcaaccca gccagaaagt acttccccca gtgggaggct cccaccctgg 540
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RAW SEQUENCE LISTING DATE: 01/22/2003
PATENT APPLICATION: **US/10/074,978A** TIME: 13:55:04

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Output Set: **N:\CRF4\01222003\J074978A.raw**

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250 Met Lys Trp Leu Leu Leu Leu Gly Leu Val Ala Leu Ser Glu Cys Ile
251             20                  25                  30
253 Met Tyr Lys Val Pro Leu Ile Arg Lys Lys Ser Leu Arg Arg Thr Leu
254          35                  40                  45
256 Ser Glu Arg Gly Leu Leu Lys Asp Phe Leu Lys Lys His Asn Leu Asn
257      50                  55                  60
259 Pro Ala Arg Lys Tyr Phe Pro Gln Trp Glu Ala Pro Thr Leu Val Asp
260  65                  70                  75                  80
262 Glu Gln Pro Leu Glu Asn Tyr Leu Asp Met Glu Tyr Phe Gly Thr Ile
263                 85                  90                  95
265 Gly Ile Gly Thr Pro Ala Gln Asp Phe Thr Val Leu Phe Asp Thr Gly
266             100                 105                 110
268 Ser Ser Asn Leu Trp Val Pro Ser Val Tyr Cys Ser Ser Leu Ala Cys
269         115                 120                 125
271 Thr Asn His Asn Arg Phe Asn Pro Glu Asp Ser Ser Thr Tyr Gln Ala
272     130                 135                 140
274 Thr Ser Glu Thr Val Ser Ile Thr Tyr Gly Thr Gly Ser Met Thr Gly
275 145                 150                 155                 160
277 Ile Leu Gly Tyr Asp Thr Val Gln Val Gly Gly Ile Ser Asp Thr Asn
278                 165                 170                 175
280 Gln Ile Phe Gly Leu Ser Glu Thr Glu Pro Gly Ser Phe Leu Tyr Tyr
281             180                 185                 190
283 Ala Pro Phe Asp Gly Ile Leu Gly Leu Ala Tyr Pro Ser Ile Ser Ser
284         195                 200                 205
286 Ser Gly Ala Thr Pro Val Phe Asp Asn Ile Trp Asn Gln Gly Leu Val
287     210                 215                 220
289 Ser Gln Asp Leu Phe Ser Val Tyr Leu Ser Ala Asp Asp Gln Ser Gly
290 225                 230                 235                 240
292 Ser Val Val Ile Phe Gly Gly Ile Asp Ser Ser Tyr Tyr Thr Gly Ser
293                 245                 250                 255
295 Leu Asn Trp Val Pro Val Thr Val Glu Gly Tyr Trp Gln Ile Thr Val
296             260                 265                 270
298 Asp Ser Ile Thr Met Asn Gly Glu Ala Ile Ala Cys Ala Glu Gly Cys
299         275                 280                 285
301 Gln Ala Ile Val Asp Thr Gly Thr Ser Leu Leu Thr Gly Pro Thr Ser
302     290                 295                 300
304 Pro Ile Ala Asn Ile Gln Ser Asp Ile Gly Ala Ser Glu Asn Ser Asp
305 305                 310                 315                 320
307 Gly Asp Met Val Val Ser Cys Ser Ala Ile Ser Ser Leu Pro Asp Ile
308                 325                 330                 335
310 Val Phe Thr Ile Asn Gly Val Gln Tyr Pro Val Pro Pro Ser Ala Tyr
311             340                 345                 350
313 Ile Leu Gln Ser Glu Gly Ser Cys Ile Ser Gly Phe Gln Gly Met Asn
314         355                 360                 365
316 Leu Pro Thr Glu Ser Gly Glu Leu Trp Ile Leu Gly Asp Val Phe Ile
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Please Note:
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